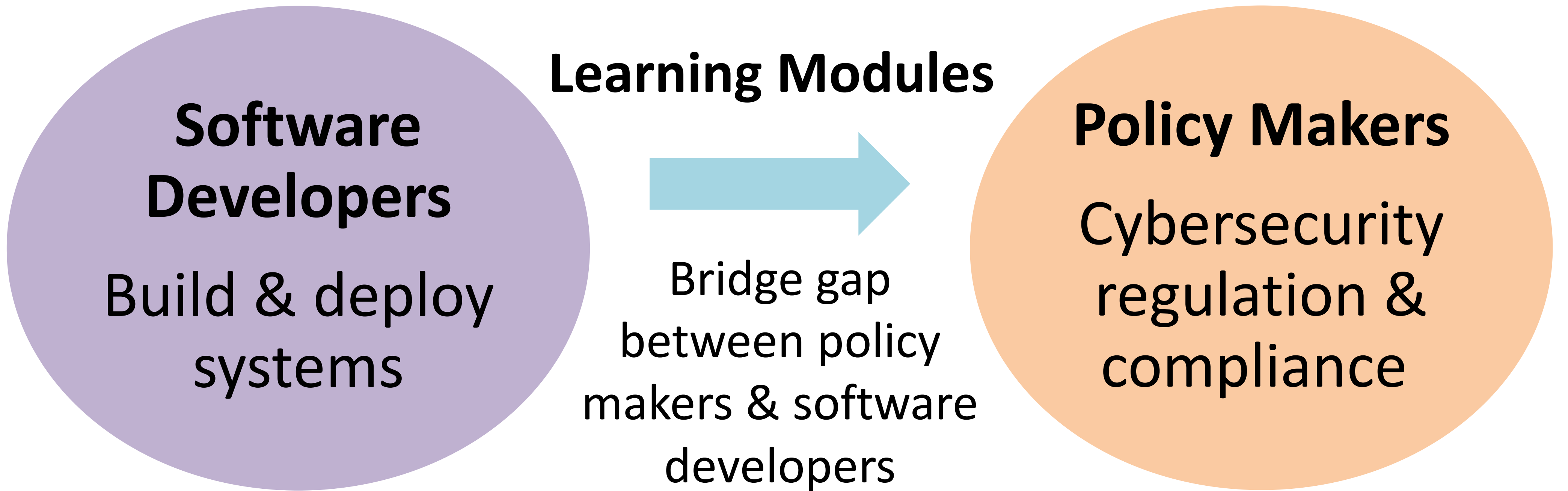


Promoting Cybersecurity by Design for Software Capstone Courses

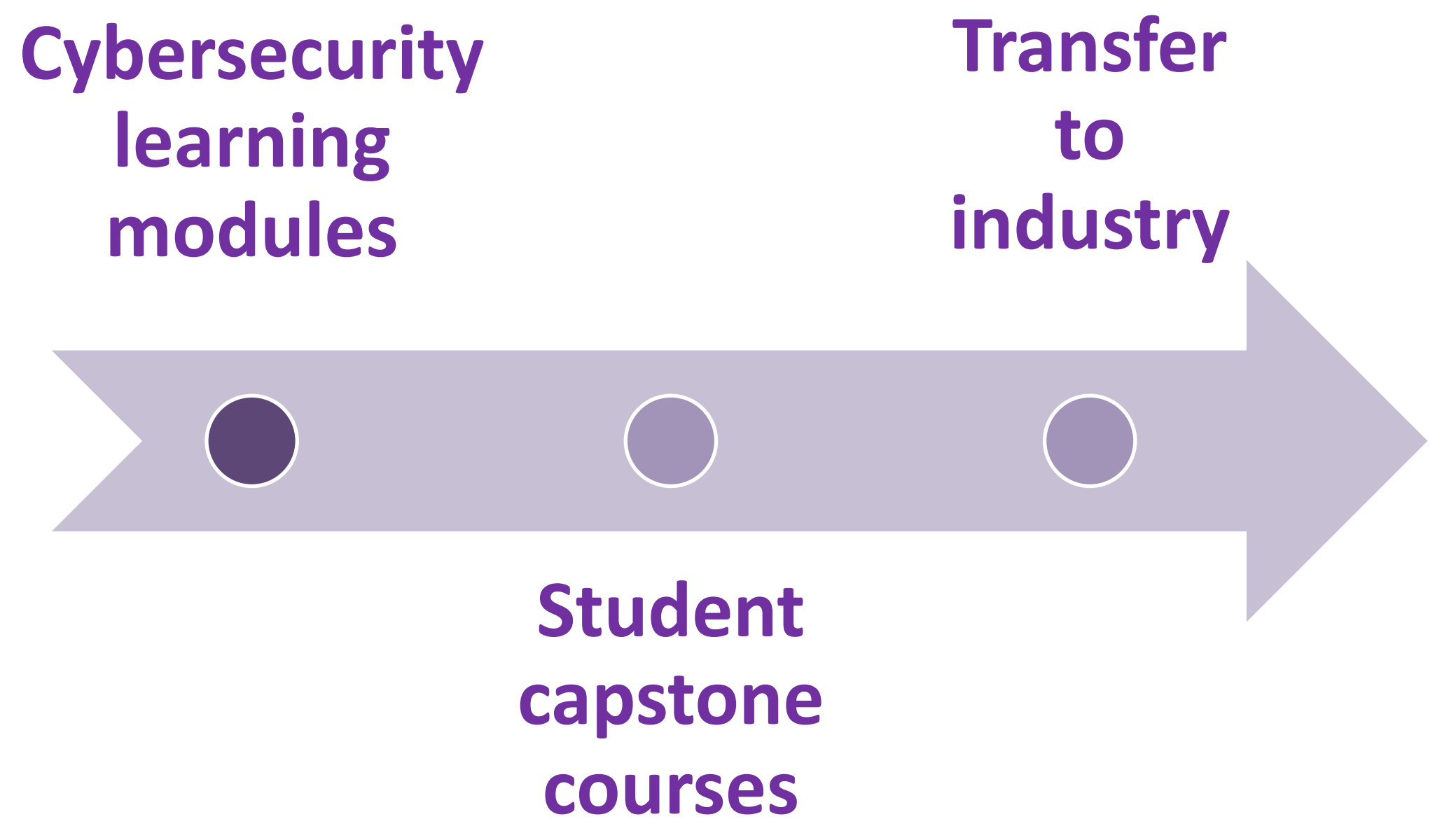
Morgan Brockman, Ying Tang, and Sameer Patil



Key Problems:

1. Design cybersecurity learning for project-based courses
2. Validate utility of learning modules for promoting consideration of cybersecurity in real-world software projects

Scientific Impact:



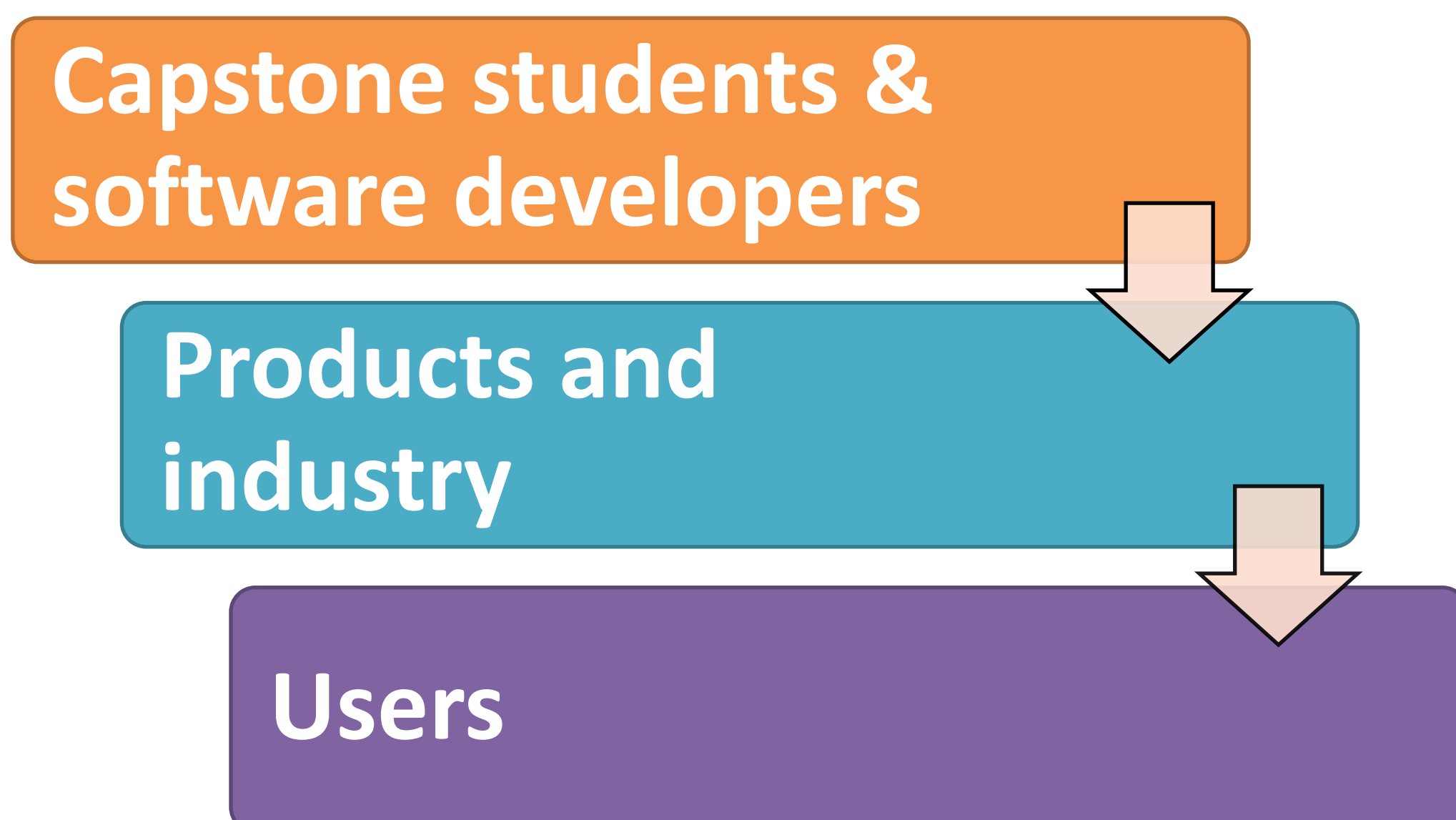
Solutions:

1. Learning modules for cybersecurity knowledge
2. Assessment of cybersecurity knowledge
3. Active learning for cybersecurity concepts

Ideation Cards:



Broader Impact: Society



Broader Impact: Education

1. Undergraduates in capstone courses
2. Modules for capstone curricula
3. Improved cybersecurity for real-world systems

